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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED SEPTEMBER, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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1983 Issue No.9

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

The figures published in this report are reflective of the relevant segment o
Committee on Resin Statistics, figures will not be published which tend to
figures withheld to avoid disclosure are identified by the letter "D" at the
a "D" if one company has more than 65% of that line, or if there are less t

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NON-PART 400/500

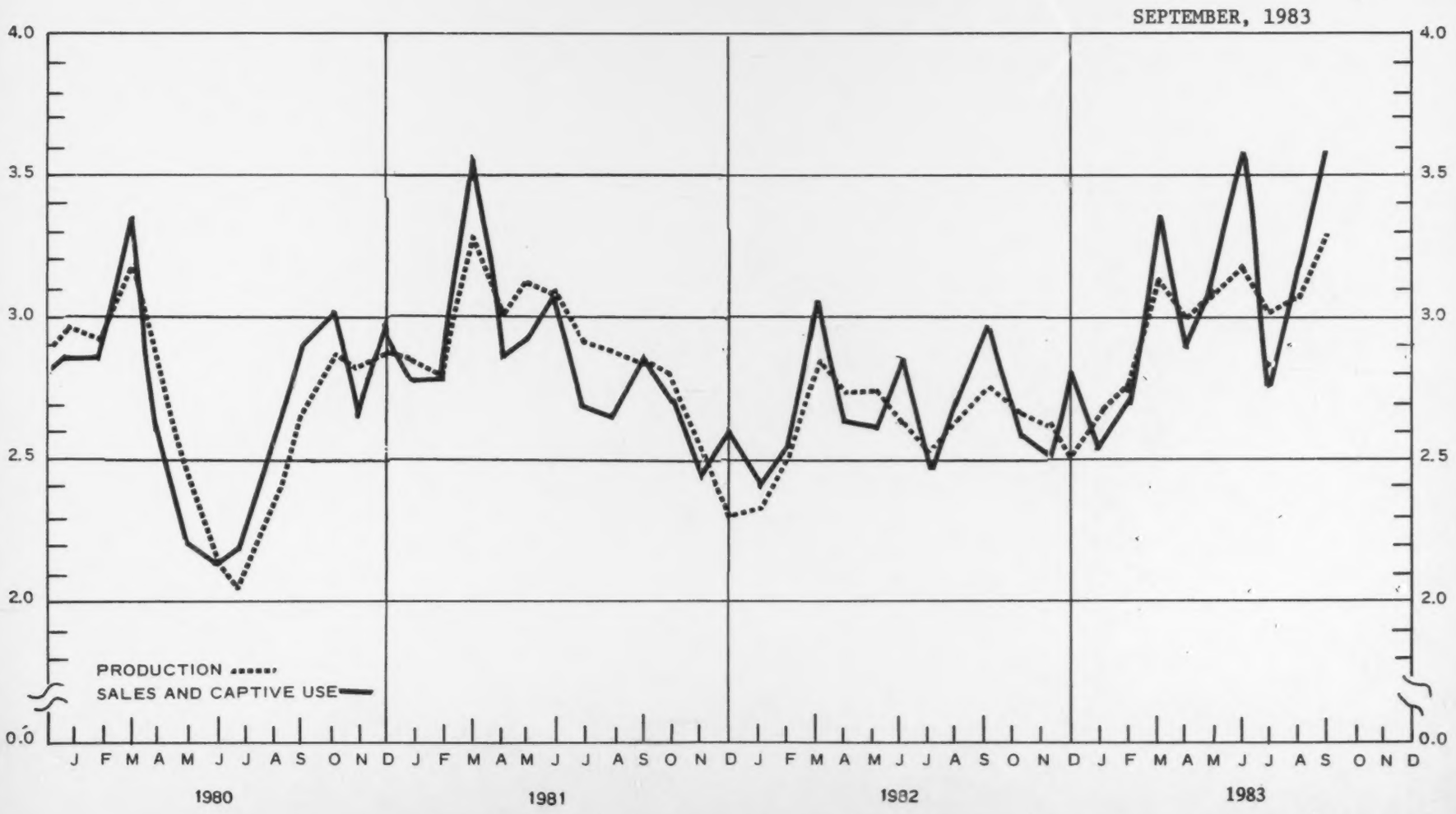
tive of the relevant segment of the industry. In accordance with SPI policy and regulations of the
t be published which tend to identify, directly or indirectly, a participant's individual data. Any
fied by the letter "D" at the applicable line or space of the report. A line will be identified by
hat line, or if there are less than four companies reporting on that line.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)


SEPTEMBER, 1983
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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

SEPTEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	26,289	22,934	+14.6	244,425	236,299	+3.4	28,452	25,439	+11.8	247,605	222,149	+11.5
POLYESTER *(UNSATURATED)* RESINS, TOTAL	93,510	72,357	+29.2	794,307R	659,113	+20.5	93,590	73,445	+27.4	805,077R	668,534	+20.4
UREA RESINS, TOTAL	102,656	84,538	+21.4	873,167	725,824	+20.3	104,270	85,897	+21.4	878,067	742,416	+18.3
MELAMINE RESINS, TOTAL	17,392	13,487	+29.0	136,842	117,714	+16.2	15,715	13,815	+13.8	135,822	119,756	+13.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,407	177,013	+24.5	1,864,802R	1,518,383	+22.8	218,057	173,611	+25.6	1,829,599R	1,474,361	+24.1
THERMOSETTING RESINS, TOTAL	460,254	370,329	+24.3	3,913,543R	3,257,333	+20.1	460,084	372,207	+23.6	3,896,170R	3,227,216	+20.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	802,671	739,792	+8.5	5,950,346R	5,714,418	+4.1	694,094	660,328	+5.1	5,977,967R	5,595,938	+6.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	581,690	433,156	+34.3	4,280,008	3,671,247	+16.6	520,409	417,667	+24.6	4,226,876	3,675,699	+15.0
POLYPROPYLENE, TOTAL	469,535	315,898	+48.6	3,316,626	2,736,428	+21.2	408,180	280,302	+45.6	3,251,797	2,580,464	+26.0
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,449	6,799	+9.6	67,728	63,062	+7.4	9,459	5,033	+87.9	73,174	71,446	+2.4
OTHER STYRENE BASED POLYMERS, TOTAL (3) *40% or more styrene*	110,591	75,250	+47.0	903,488	668,605	+35.1	108,325	75,995	+42.5	857,446	678,111	+26.4
POLYSTYRENE, TOTAL	325,784	309,391	+5.3	2,706,459R	2,445,568	+10.7	311,218	302,236	+3.0	2,605,333R	2,425,536	+7.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL (4) *50% or more styrene including styrene butadiene latexes not carboxylated*	64,521	43,802	+47.3	522,781R	375,328	+39.3	63,244	46,244	+36.8	521,989R	380,148	+37.3
NYLON RESINS, TOTAL	29,792	21,522	+38.4	237,019	194,135	+22.1	29,596	19,774	+49.7	227,426	181,322	+25.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	571,006	543,420	+5.1	4,737,651	4,190,050	+13.1	539,137	477,889	+12.8	4,654,687	4,040,592	+15.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,420	51,771	+16.7	520,224R	434,751	+19.7	60,420	51,771	+16.7	520,224	434,751	+19.7
POLYVINYL ALCOHOL, TOTAL #	10,594	D		101,057	D		13,491	D		98,112	D	
OTHER VINYL RESINS, TOTAL	16,413	12,605	+30.2	129,335	128,129	+0.9	16,817	14,146	+18.9	136,573	136,968	-0.3
THERMOPLASTIC POLYESTER, TOTAL	72,821	52,502	+38.7	569,187R	467,557	+21.7	62,078	46,355	+33.9	557,235R	488,213	+14.1
THERMOPLASTIC RESINS, TOTAL	3,123,287	2,605,908	+19.9	24,041,909R	21,089,278	+14.0	2,836,468	2,397,740	+18.3	23,708,839R	20,689,188	+14.6
GRAND TOTAL	3,583,541	2,976,237	+20.4	27,955,452R	24,346,611	+14.8	3,296,552	2,769,947	+19.0	27,605,009R	23,916,404	+15.4

D = Disclosure
R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(3) = Includes ABS.
(4) = Includes Styrene-Butadiene Latexes.
= Includes imputed data.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis) (1)

CRS

SEPTEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	11,925	10,403	+14.6	110,870	107,186	+3.4	12,906	11,539	+11.8	112,313	100,766	+11.5
POLYESTER *(UNSATURATED)* RESINS, TOTAL	42,416	32,821	+29.2	360,295	298,972	+20.5	42,452	33,314	+27.4	365,180R	303,245	+20.4
UREA RESINS, TOTAL	46,564	38,346	+21.4	396,066	329,232	+20.3	47,297	38,964	+21.4	398,289	336,758	+18.3
MELAMINE RESINS, TOTAL	7,889	6,118	+29.0	62,071	53,394	+16.2	7,128	6,266	+13.8	61,608	54,321	+13.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	99,976	80,293	+24.5	845,869	688,733	+22.8	98,910	78,749	+25.6	829,901	668,766	+24.1
THERMOSETTING RESINS, TOTAL	208,770	167,981	+24.3	1,775,171	1,477,517	+20.1	208,693	158,832	+23.6	1,767,291	1,463,856	+20.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	364,089	335,567	+8.5	2,699,059	2,592,043	+4.1	314,839	299,523	+5.1	2,711,588	2,538,301	+6.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	263,853	196,478	+34.3	1,941,399	1,665,267	+16.6	236,056	189,452	+24.6	1,917,298	1,667,286	+15.0
POLYPROPYLENE, TOTAL	212,980	143,290	+48.6	1,504,412	1,241,235	+21.2	185,149	127,144	+45.6	1,475,005	1,170,490	+26.0
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,379	3,084	+9.6	30,721	28,605	+7.4	4,291	2,283	+87.9	33,191	32,408	+2.4
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	50,164	34,133	+47.0	409,819	303,277	+35.1	49,136	34,471	+42.5	388,935	307,589	+26.4
POLYSTYRENE, TOTAL	147,775	140,339	+5.3	1,227,642	1,109,302	+10.7	141,168	137,094	+3.0	1,181,772	1,100,216	+7.4
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	29,266	19,868	+47.3	237,132	170,248	+39.3	28,687	20,977	+36.8	236,773	172,434	+37.3
NYLON RESINS, TOTAL	13,514	9,762	+38.4	107,511	88,059	+22.1	13,425	8,969	+49.7	103,160	82,247	+25.4
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	259,007	246,494	+5.1	2,148,984	1,900,594	+13.1	244,551	216,769	+12.8	2,111,352	1,832,800	+15.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	27,406	23,483	+16.7	235,972	197,202	+19.7	27,406	23,484	+16.7	235,973	197,203	+19.7
POLYVINYL ALCOHOL, TOTAL #	4,805	D		45,839	D		6,119	D		44,503	D	
OTHER VINYL RESINS, TOTAL	7,445	5,718	+30.2	58,666	58,119	+0.9	7,628	6,416	+18.8	61,949	62,128	-0.3
THERMOPLASTIC POLYESTER, TOTAL	33,031	23,815	+38.7	258,182	212,082	+21.7	28,158	21,026	+33.9	252,760	221,452	+14.1
THERMOPLASTIC RESINS, TOTAL	1,416,714	1,182,031	+19.9	10,905,338	9,566,033	+14.0	1,286,613	1,087,608	+18.3	10,754,259	9,384,554	+14.6
GRAND TOTAL	1,625,484	1,350,012	+20.4	12,680,509	11,043,550	+14.8	1,495,306	1,256,440	+19.0	12,521,550	10,848,410	+15.4

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes.

(1) *Except phenolic resins which are reported on a gross weight basis.*

= Includes imputed data.

(D) = Disclosure R = Revision.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	26,289	22,934	+14.6	244,425	236,299	+3.4	28,452	25,439	+11.8	247,605	222,149	+11.5
Total Exports	1,131	1,256	-10.0	24,103	29,842	-19.2						
Total Domestic	25,158	21,678	+16.1	220,322	206,457	+6.7						
Bonding & Adhesives	1,200	1,294	-7.3	12,681	12,160	+4.3						
Flooring, Paving & Exposed Aggregate	1,528	1,400	+9.1	13,638	13,971	-2.4						
Protective Coatings	10,416	9,736	+7.0	96,311	96,576	-0.3						
Fiber Reinforced Laminates & Composites, Total	7,090	4,976	+42.5	51,876	45,426	+14.2						
FRL & C for Printed Wiring Board	5,161	*		36,964	*							
All Other FRL & C	1,929	*		14,912	*							
Tooling, Casting & Molding Resins	2,102	1,967	+6.9	20,390	19,044	+7.1						
All Other Uses	2,822	2,305	+22.4	25,426	19,280	+31.9						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	93,510	72,357	+29.2	794,307R	659,113	+20.5	93,590	73,445	+27.4	805,077R	668,534	+20.4
Exports, Total	846	582	+45.4	7,799	6,641	+17.4						
Domestic, Total	92,664	71,775	+29.1	786,508R	652,472	+20.5						
General Purpose Resins, Total	82,083	62,307	+31.7	701,877R	573,331	+22.4						
General Purpose – Thixotropic	38,397	27,170	+41.3	329,116R	257,678	+27.7						
General Purpose – Press Molding	13,370	7,743	+72.7	101,347R	70,631	+43.5						
General Purpose – All Other	30,316	27,394	+10.7	271,414	245,022	+10.8						
Flame Retardant Resins	1,693	2,329	-27.3	14,465R	15,804	-8.5						
Chemical Resistant Resins	8,888	7,139	+24.5	70,166R	63,337	+10.8						
Chemical Resistant Isophthalic Resins	6,029	4,992	+20.8	46,967R	43,565	+7.8						
All Other Chemical Resistant Resins	2,859	2,147	+33.2	23,199	19,772	+17.3						
Reinforced Plastics, Total	72,167	52,546	+37.3	609,427R	485,942	+25.4						
Non-Reinforced Plastics, Total	20,497	19,229	+6.6	177,081R	166,530	+6.3						

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* = Comparable 1982 data not available R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis) (1)

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	102,656	84,538	+21.4	873,167	725,824	+20.3	104,270	85,897	+21.4	878,067	742,416	+18.3
MELAMINE RESINS, TOTAL	17,392	13,487	+29.0	136,842	117,714	+16.2	15,715	13,815	+13.8	135,822	119,756	+13.4
UREA & MELAMINE RESINS, TOTAL	120,048	98,025	+22.5	1,010,009	843,538	+19.7	119,985	99,712	+20.3	1,013,889	862,172	+17.6
Total Exports	2,456	1,335	+84.0	15,979	12,631	+26.5						
Total Domestic	117,592	96,690	+21.6	994,030	830,907	+19.6						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,242	5,625	+28.7	54,820	50,324	+8.9	6,808	5,318	+28.0	63,929	50,647	+26.2
Molding Compounds	6,290	4,161	+51.2	51,096	33,202	+53.9	6,809	5,141	+32.4	53,559	34,203	+56.6
Bonding & Adhesive Resins for:	91,762	73,675	+24.5	762,395	638,813	+19.3	91,648	74,581	+22.9	769,152	648,953	+18.5
Laminating	3,842	2,367	+62.3	30,398	21,101	+44.1	3,682	2,368	+55.5	30,333	21,680	+39.9
Plywood	6,015	5,974	+0.7	47,337	50,000	-5.3	5,714	6,206	-7.9	47,528	50,873	-6.6
Fibrous & Granulated Wood (Particle Board)	81,905	65,334	+25.4	684,660	567,712	+20.6	82,252	66,007	+24.6	691,291	576,400	+19.9
Protective Coatings *(Straight & Modified)*	5,933	6,057	-2.0	57,158	49,182	+16.2	7,755	6,950	+11.6	65,810	58,236	+13.0
All Other Uses *(Includes Textile Treating & Coating Resins)*	6,455	7,172	-11.3	68,561	59,386	+15.4	6,965	7,722	-9.8	61,439	70,133	-12.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,407	177,013	+24.5	1,864,802R	1,518,383	+22.8	218,057	173,611	+25.6	1,829,599R	1,474,361	+24.1
Total Exports	1,311	1,108	+18.3	12,834	12,240	+4.9						
Total Domestic	219,096	175,905	+24.6	1,851,968R	1,506,143	+23.0						
Molding Compounds	19,353	16,620	+16.4	170,908R	141,847	+20.5	21,957	19,761	+11.1	193,522R	149,565	+29.4
Bonding & Adhesive Resins for:	195,121	156,065	+25.0	1,645,091	1,334,180	+23.3	191,874	150,453	+27.5	1,600,437	1,292,936	+23.8
Laminating	14,004	9,238	+51.6	122,429	95,180	+28.6	12,091	8,258	+46.4	103,737	82,742	+25.4
Coated & Bonded Abrasives	2,034	2,004	+1.5	19,557	19,844	-1.4	1,879	2,148	-12.5	19,019	19,366	-1.8
Friction Materials	2,868	2,123	+35.1	23,377	20,380	+14.7	2,939	1,820	+61.5	23,013	20,102	+14.5
Insulation Materials	34,317	28,751	+19.4	253,148	246,271	+2.8	33,881	26,886	+26.0	241,234	232,512	+3.8
Foundry & Shell Molding	5,539	4,369	+26.8	45,429	43,333	+4.8	5,769	4,590	+25.7	46,614	44,496	+4.8
Plywood	116,421	90,781	+28.2	981,849R	744,921	+31.8	114,800	87,943	+30.5	966,837R	729,446	+32.5
Fibrous & Granulated Wood	12,578	12,585	0.0	137,588R	108,359	+27.0	12,401	12,059	+2.8	134,330R	103,366	+30.0
Resins Sold to Rubber Industry	2,116	1,985	+6.6	19,336	16,673	+16.0	2,759	2,319	+19.0	22,133	17,599	+25.8
All Other	5,244	4,229	+24.0	42,378	39,219	+8.1	5,355	4,430	+20.9	43,520	43,307	+0.5
Protective Coatings – Unmodified & Modified	1,251	1,814	-31.0	13,500R	13,926	-3.1	1,122	1,725	-35.0	13,489R	14,666	-8.0
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	3,371	1,406	+139.8	22,469	16,190	+38.8	3,104	1,672	+85.6	22,151	17,194	+28.8

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	802,671	739,792	+8.5	5,950,346R	5,714,418	+4.1	694,094	660,328	+5.1	5,977,967R	5,595,938	+6.8
Exports, Total	70,028	127,013	-44.9	669,043	913,164	-26.7						
Domestic, Total	732,643	612,779	+19.6	5,281,303R	4,801,254	+10.0						
Film *(12 Mils & Below)*	492,241	408,348	+20.5	3,466,204R	3,072,586	+12.8						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	71,487	49,390	+44.7	474,663R	371,218	+27.9						
Wire & Cable	28,879	25,487	+13.3	209,412	216,387	-3.2						
Extrusion Coating	51,887	44,027	+17.9	422,450R	399,681	+5.7						
Blow Molding	4,562	2,889	+57.9	32,819	32,049	+2.4						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	9,014	4,243	+112.4	64,800R	34,013	+90.5						
All Other Uses	74,573	78,395	-4.9	610,955	675,320	-9.5						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	581,690	433,156	+34.3	4,280,008	3,671,247	+16.6	520,409	417,667	+24.6	4,226,876	3,675,699	+15.0
Exports, Total	94,528	63,291	+49.4	770,066	472,640	+62.9						
Domestic, Total	487,162	369,865	+31.7	3,509,942	3,198,607	+9.7						
Film *(12 Mils & Below)*	31,438	26,353	+19.3	263,516	201,202	+31.0						
Sheet *(Over 12 Mils)*	7,487	5,630	+33.0	56,162	47,658	+17.8						
Injection Molding	129,955	92,226	+40.9	879,267	815,238	+7.9						
Wire & Cable	9,287	9,059	+2.5	100,958	85,625	+17.9						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	192,606	130,049	+28.4	1,344,621	1,283,862	+4.7						
Pipe & Conduit, Total	50,017	35,679	+40.2	357,603	292,579	+22.2						
Corrugated Pipe & Conduit	20,706	*		161,921	*							
Non-Corrugated Pipe & Conduit	29,311	*		195,682	*							
Other Extruded Products	5,537	2,591	+113.7	31,012	29,708	+4.4						
All Other Uses	60,835	48,278	+26.0	476,803	442,735	+7.7						

D = Disclosure
R = Revision

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

(1) = Included in All Other Uses.
(2) = Included in Other Extruded Products.
(3) = Included in Film.

* = Comparable 1982 Data Not Available

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	469,535	315,898	+48.6	3,316,626	2,736,428	+21.2	408,180	280,302	+45.6	3,251,797	2,580,464	+26.0
Exports, Total	88,024	37,954	+131.9	615,016	512,712	+20.0						
Domestic, Total	381,511	277,944	+37.3	2,701,610	2,223,716	+21.5						
Injection Molding	127,738	98,812	+29.3	906,979	825,979	+9.8						
Appliances	9,184	6,613	+38.9	69,903	54,973	+27.2						
Consumer Products	30,454	24,463	+24.5	229,086	213,448	+7.3						
Rigid Packaging	33,405	27,784	+20.2	268,693	217,298	+23.7						
Transportation	34,085	23,550	+44.7	205,418	172,307	+19.2						
All Other Injection Molding	20,610	16,402	+25.7	133,879	167,953	-20.3						
Blow Molding	10,112	6,678	+51.4	64,336	51,448	+25.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	42,791	30,775	+39.0	275,920	226,750	+21.7						
Sheet *(Over 10 Mils)*	4,605	1,132	+306.8	23,172	13,979	+65.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	122,943	90,983	+35.1	887,070	668,583	+32.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	10,383	14,031	-26.0	80,673	75,247	+7.2						
Resellers & Compounders	47,362	*		330,289	*							
All Other Uses	15,577	35,533	n.c.	133,171	361,730	n.c.						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

* = Comparable 1982 data not available.

n.c. = Not comparable.

 # = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,449	6,799	+9.6	67,728	63,062	+7.4	9,459	5,033	+87.9	73,174	71,446	+2.4
Total Exports	728	731	-0.4	7,867	7,872	0.0						
Total Domestic	6,721	6,068	+10.8	59,861	55,190	+8.5						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	110,591	75,250	+47.0	903,488	668,605	+35.1	108,325	75,995	+42.5	857,446R	678,111	+26.4
Export, Total	11,234	3,713	+202.6	92,099	56,090	+64.2						
Domestic, Total	99,357	71,537	+38.9	811,389	612,515	+32.5						
Molding & Extrusion	93,998	*		765,249	*							
Coatings	5,359	*		46,140	*							
POLYSTYRENE RESINS, TOTAL	325,784	309,391	+5.3	2,706,459R	2,445,568	+10.7	311,218	302,236	+3.0	2,605,333R	2,425,536	+7.4
Straight Polystyrene	169,580	157,825	+7.4	1,398,613R	1,256,973	+11.3	159,880	152,664	+4.7	1,341,248R	1,261,932	+6.3
Rubber-Modified Polystyrene	156,204	151,566	+3.1	1,307,846R	1,188,595	+10.0	151,338	149,572	+1.2	1,264,085R	1,163,604	+8.6
Exports, Total	5,937	7,734	-23.2	60,547	76,492	-20.8						
Straight Polystyrene	3,127	3,624	-13.7	30,336	39,398	-23.0						
Rubber-Modified Polystyrene	2,810	4,110	-31.6	30,211	37,094	-18.6						
Domestic, Total	319,847	301,657	+6.0	2,645,912R	2,369,076	+11.7						
Molding	141,038	136,697	+3.2	1,137,432R	1,047,664	+8.6						
Extrusion	108,014	100,685	+7.3	916,462R	817,079	+12.2						
Expandable Polystyrene Beads	39,542	40,067	-1.3	331,815	322,234	+3.0						
All Other Uses	31,253	24,208	+29.1	260,203R	182,099	+42.9						
Polystyrene End uses, Total **	319,847	301,657	+6.0	2,645,912R	2,369,076	+11.7						
Packaging	78,784	102,165	-22.9	664,140R	793,366	-16.3						
Disposables	50,058	*		369,994R	*							
Consumer and Institutional Products	47,842	64,486	-25.8	403,944R	495,104	-18.4						
Electrical/Electronics	26,263	30,726	-14.5	214,368R	216,271	-0.9						
Furniture, Furnishings, Building and Construction	14,094	17,419	-19.1	118,994	135,044	-11.9						
Expandable Polystyrene Beads	39,542	40,067	-1.3	331,815	322,234	+3.0						
All Other End Uses	63,264	46,794	+35.2	542,657R	407,057	+33.3						

D = Disclosure.
R = Revision
(3) = Includes ABS.

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** = *Portions of the End Use Section are Estimated.*

* = Comparable 1982 Data not Available.

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SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	64,521	43,802	+47.3	522,781R	375,328	+39.3	63,244	46,244	+36.8	521,989R	380,148	+37.3
Paper Treating	2,196	1,897	+15.8	21,355	18,378	+16.2						
Textile Treating	1,740	843	+106.4	15,231R	10,001	+52.3						
Carpet Backing	29,205	18,595	+57.1	223,915R	149,480	+49.8						
All Other Uses (Including Exports & Paper Coating)	31,380	22,467	+39.7	262,280R	197,469	+32.8						
NYLON RESINS, TOTAL	29,792	21,522	+38.4	237,019R	194,135	+22.1	29,596	19,774	+49.7	227,426R	181,322	+25.4
Total Exports	2,665	1,678	+58.8	17,586	14,071	+25.0						
Total Domestic	27,127	19,844	+36.7	219,433R	180,064	+21.9						
Injection Molding Grade	18,210	11,584	+57.2	140,209R	109,026	+28.6						
Extrusion Grade	7,294	6,695	+8.9	63,334R	54,987	+15.2						
Resellers and Compounders	1,138	1,211	-6.0	11,537R	12,179	-5.3						
All Other Uses	485	354	+37.0	4,353R	3,872	+12.4						

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	571,006	543,420	+5.1	4,737,651	4,190,050	+13.1	539,137	477,889	+12.8	4,654,687	4,040,592	+15.2
Homopolymer Resins including Blending and Latex	515,393	487,130	+5.8	4,235,394	3,706,625	+14.3	480,483	420,565	+14.2	4,171,522	3,582,983	+16.4
Copolymer Resins including Blending and Latex	24,178	23,778	+1.7	209,885	223,822	-6.2	25,804	28,183	-8.4	201,694	211,135	-4.5
Dispersion Resins	31,435	32,512	-3.3	292,372	259,603	+12.6	32,850	29,141	+12.7	281,471	246,474	+14.2
Total Exports	43,227	43,101	+0.3	398,314	441,833	-9.8						
Total Domestic	527,779	500,319	+5.5	4,339,337	3,748,217	+15.8						
Calendering, Total	64,168	66,299	-3.2	528,743	458,270	+15.4						
Flooring	13,406	17,030	-21.3	117,552	113,175	+3.9						
Textile	12,882	6,296	+104.6	80,970	45,704	+77.2						
All Other Calendering Uses	37,880	42,973	-11.9	330,221	299,391	+10.3						
Coating, Total	27,854	27,386	+1.7	263,812	200,834	+31.4						
Flooring	9,575	11,273	-15.1	108,150	71,193	+51.9						
Textile & Paper Coating	10,418	8,249	+26.3	87,056	67,330	+29.3						
Protective Coatings	3,644	3,708	-1.7	33,625	29,647	+13.4						
Adhesives & All Other Coating Uses	4,217	4,156	+1.5	34,981	32,664	+7.1						
Extrusion, Total	337,279	313,684	+7.5	2,736,656	2,415,431	+13.3						
Wire & Cable	36,169	34,145	+5.9	261,734	247,716	+5.7						
Film & Sheet	30,633	33,568	-8.7	231,472	238,228	-2.8						
Rigid Pipe & Tubing *(Except Fittings)*	210,343	197,489	+6.5	1,809,497	1,564,673	+15.6						
All Other Extrusions	60,134	48,482	+24.0	433,953	364,814	+19.0						
Molding, Total	41,749	34,745	+20.2	314,936	262,647	+19.9						
Bottles	17,032	11,129	+53.0	114,953	77,064	+49.2						
Sound Records	6,193	7,537	-17.8	59,550	75,807	-21.4						
Fittings *(Rigid Pipe & Tubing)*	11,431	11,158	+2.4	81,561	74,074	+10.1						
All Other Molding	7,093	4,921	+44.1	58,872	35,702	+64.9						
Paste Processes *(Except Coating)*	13,547	16,592	-18.4	122,904	131,591	-6.6						
Plastisol Formulation	8,441	8,989	-6.1	72,103	63,591	+13.4						
All Other	5,106	7,603	-32.8	50,801	68,000	-25.3						
Resellers & Compounders	18,128	17,075	+6.2	152,520	111,115	+37.3						
All Other Uses	25,054	24,538	+2.1	219,766R	168,329	+30.6						

R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR-TO-DATE			SEPTEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,420	51,771	+16.7	520,224R	434,751	+19.7						
Total Exports	365	515	-29.1	4,763R	4,515	+5.5						
Total Domestic	60,055	51,256	+17.2	515,461R	430,236	+19.8						
Emulsion Paints	18,257	14,406	+26.7	164,072R	125,731	+30.5						
Adhesives, Caulks and Sealants	24,258	21,451	+13.1	204,479R	178,692	+14.4						
Paper Treating & Paper Coating	10,413	8,813	+18.2	86,321R	71,176	+21.3						
Textile Treating	1,981	1,892	+4.7	16,607	14,291	+16.2						
Non-Woven Binders	2,713	2,311	+17.4	23,522R	19,753	+19.1						
All Other Uses	2,433	2,383	+2.1	20,460R	20,593	-0.6						
POLYVINYL ALCOHOL, TOTAL #	10,594	D		101,057	D		13,491	D		98,112	D	
Total Exports	1,863	D		16,939	D							
Total Domestic	8,731	D		84,118	D							
OTHER VINYL RESINS*, TOTAL	16,413	12,605	+30.2	129,335	128,129	+0.9	16,817	14,146	+18.9	136,573	136,968	-0.3
Total Exports	3,792	2,790	+35.9	28,772	28,112	+2.3						
Total Domestic	12,621	9,815	+28.6	100,563	100,017	+0.5						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.												
THERMOPLASTIC POLYESTER, TOTAL	72,821	52,502	+38.7	569,187R	467,557	+21.7	62,078	46,355	+33.9	557,235R	488,213	+14.1
Total Exports	9,741	3,707	+162.8	68,321	33,635	+103.1						
Total Domestic	63,080	48,795	+29.3	500,866R	433,922	+15.4						
PET Bottle Grades	46,289	37,668	+22.9	371,977R	344,655	+7.9						
All Other Thermoplastic Polyester **	16,791	11,127	+50.9	128,889R	89,267	+44.4						

** Includes All Other PET and All Injection Molding Grades.

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